

Miko Marine Product Catalogue



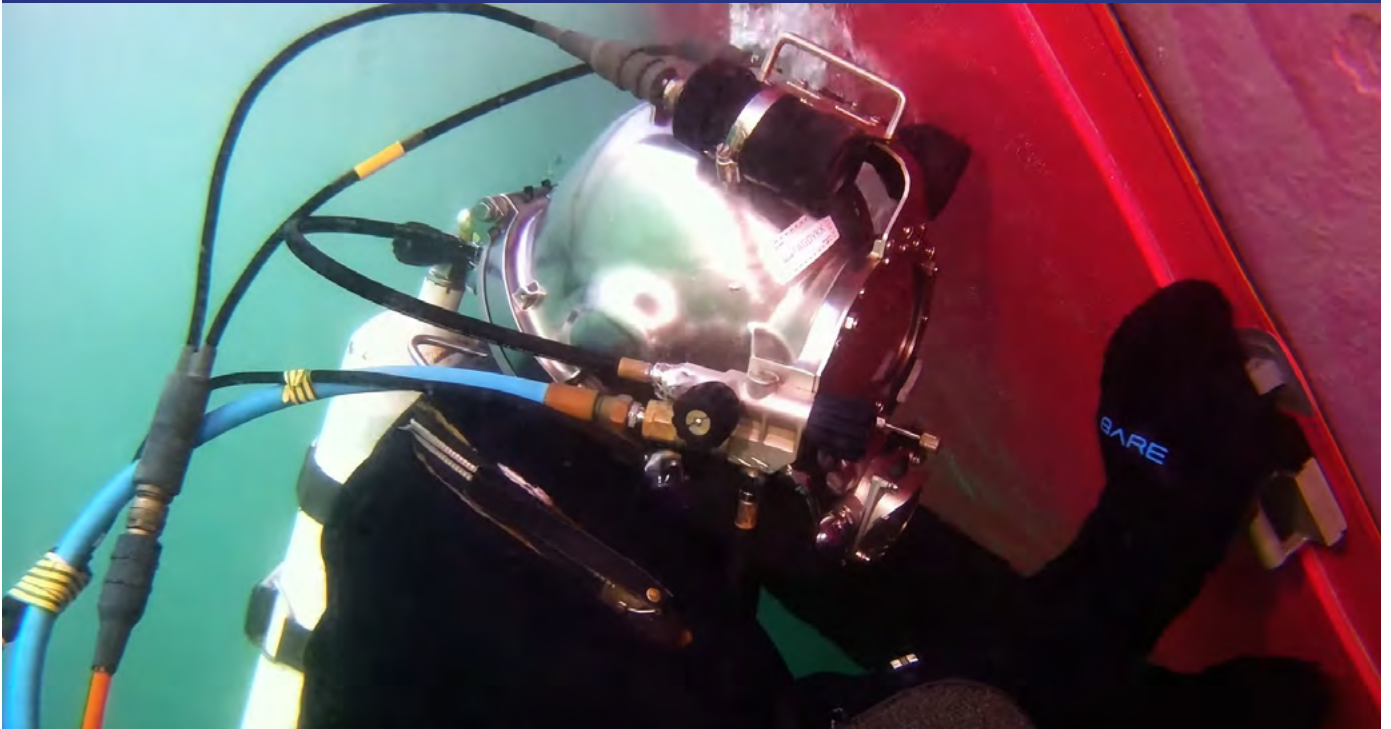
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MiKO
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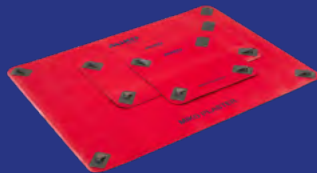
Keeping water on the outside since 1996



Miko Marine Underwater Blanking Tools



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Miko Marine Magnetic Plaster

Miko Marine Norway Marine Magnetic Miko Plaster

Miko Plaster® is a registered trademark and covers a large variety of plasters for stopping leaks and routine in-water repair operations. In addition to standard sizes, custom-sized plasters are supplied in any shape and size.

The patented Magnetic Miko Plaster® is qualified by DNV for sealing off sea chests, and water in- and outlets whilst the vessel is still afloat, thus eliminating the need for dry-docking during unforeseen repair and maintenance. The seal is achieved by the water pressure coupled with the magnetic adhesion between the plaster and the steel surface. The plasters are designed for long term storage and are reusable. The outer layer is a polyester-reinforced PVC matting, giving the plaster a strong and durable cover while still maintaining flexibility. The inner layer is a nitrile rubber sheeting that provides the magnetic holding force. Plasters from size 2,25x2,5m and upwards are equipped with a buoyancy sheet to facilitate easy handling under water.

The plasters are produced in Norway and standard sizes can be quickly delivered to site in urgent situations. Standard sizes are available in the Emergency Response Bag and the Tanker Kit, together with supplementary tools for installation. **Custom-sized plasters are supplied in any shape and size.**

Specifications:

Holding force: 100 gr/cm²

Weight in air 9.0 kg/m²

Weight in water 5.5 kg/m² (or slightly positive with buoyancy sheet).

Lift lug holding capacity 350 kg each.

Max. temperature 120°C.

Thickness 3.5mm.

Stretch strength 8500 N/5cm.

Shear strength 1500N (DIN 53356).

Welding strength 1500N (DIN 53363)



Overview UW Blanking

Article No.	Description	Number of lifting lugs	Temporary buoyancy sheeting
75MIK20001	Miko Plaster 450x500mm	4	No
75MIK20002	Miko Plaster 450x833mm	4	No
75MIK20003	Miko Plaster 1250x900mm	8	No
75MIK20004	Miko Plaster 2500x2250mm	12	No
75MIK20005	Miko Plaster 4500x5000mm	24	No
75MIK20006	Miko Plaster 2000x5000mm	16	No
75MIK20500	Miko Plaster 2500x2250mm	12	Yes
75MIK20503	Miko Plaster 4500x5000mm	24	Yes
75MIK20504	Miko Plaster 2000x5000mm	16	Yes



Miko Marine Tanker Kit

Miko Marine Norway Tanker Kit

The Tanker Kit is a well proven cost saving alternative to drydocking. It is used worldwide for in-water repair or survey of floating structures.

The main component of the Tanker Kit is a magnetic tarpaulin that provides a temporary, but reliable, watertight seal below the waterline. The Miko Plaster® is **qualified by DNV** for sealing off sea chests, and water in- and outlets whilst the vessel or structure is still afloat. The seal is achieved by the water pressure coupled with the magnetic adhesion between the plaster and the steel surface.

The Tanker Kit is also available in a Light version with two Magnetic Miko Plasters® instead of four.

Installation Procedure 2.25 X 2.5 Plaster:

One MAM-001 Miko Anchor Magnet is placed outside each corner of the sea chest or opening to be patched. The installation drum is lowered into the water from the deck using the handling ropes, while the diver positions it correctly. With the two first corners secured to a MAM-001, the Miko Plaster® is rolled out from the drum. The diver can easily re-position the plaster if necessary.

The last two corners are secured to the other MAM-001 once the plaster is completely rolled out in the correct position.

The MPM-002 Miko Permanent Magnets are placed along the periphery of the plaster to further increase the seal and to prevent peeling caused by towing or current speed.

To increase maneuverability, the larger plasters can be fitted with buoyancy sheets, making them slightly positive in water. The sheet can be removed or attached depending on its utility in the positioning of the plaster.

Contents:

2 pcs 0,9m x 1,25m Magnetic Miko Plaster® (1 pcs in Tanker Kit Light)

2 pcs 2,25m x 2,5m Magnetic Miko Plaster® (1 pcs in Tanker Kit Light)

4 pcs MAM-001 Miko Anchor Magnets

20 pcs MPM-002 Miko Permanent Magnets (10 pcs in Tanker Kit Light)

2 pcs MHT-002 Handling Tool for MPM-002

4 pcs MHT-001 Handling Ropes

1 pcs Installation / storage drum

Shipping and storage:

Shipping and storage:
The kit is shipped in a wooden crate measuring 2,45x0,54x0,73m with gross weight of 220 kg (153 kg for the Tanker Kit Light), allowing for stackability during shipping and storage.

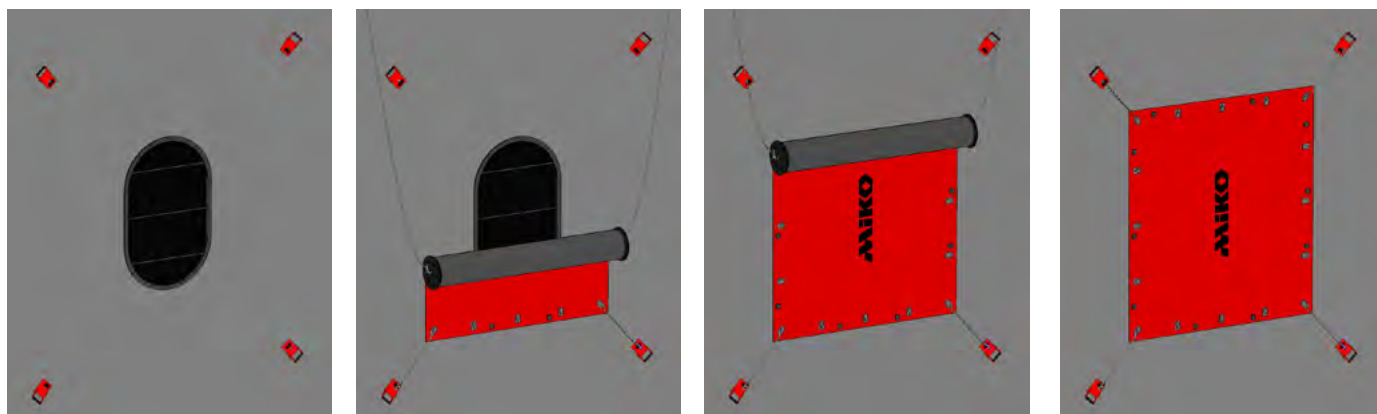


Article No.	Description
75MIK50100	Miko Plaster Tanker Kit
75MIK50101	Miko Plaster Tanker Kit Light

Overview UW Blanking



Miko Marine Tanker Kit can also be customized due to the dimensions of the Sea Chest. The Magnetic Miko Plaster® dimensions will than be specifically calculated. Contact us for more information.

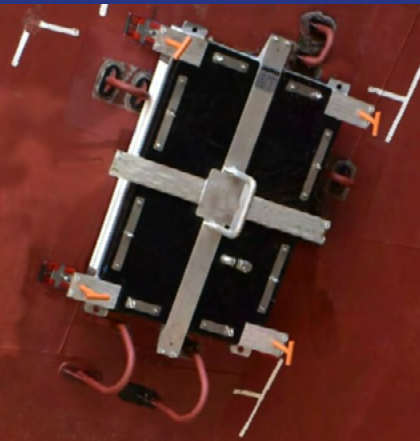


Miko Marine Sea Chest Cover



CD/BH

BH/FOD



Miko Marine Norway Miko Sea Chest Cover

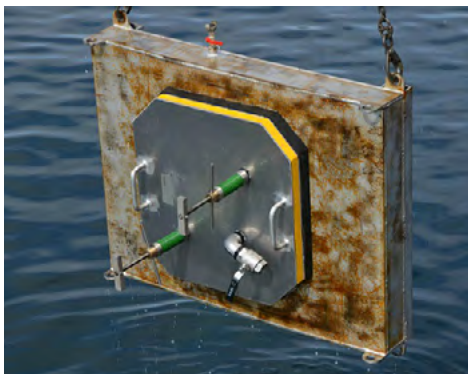
Miko Marine designs and delivers Sea Chest Covers for any vessel, in any size and at any operating depth. Hull curvature, sea chest grid arrangement and other data are taken into account for the design.

The threaded rods are equipped with hooks at the bottom end that lock onto the sea chest grid and keep the cover firmly in place. By tightening the wing nuts, the rubber gasket is compressed slightly and an initial watertight seal against the hull is attained.

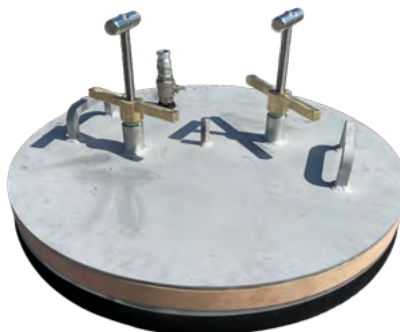
When water has been pumped out from the inside of sea chest, the rubber gasket will be compressed further due to the pressure difference is acting on the sea chest cover. The springs under the wing nuts maintain a constant tension in the rods as this happens, by compensating for the movement of the cover. This means that the divers do not need to go back and re-tighten the wing nuts after emptying the sea chest.

Miko's Sea Chest Covers will keep the sea chest dry throughout the entire operation after the complete seal is attained. The sea chest cover provides a first barrier for sea chest. **Miko recommends to use cover as first barrier and cofferdam as second barrier for secure sealing (see below pictures).**

Send enquiry for detailed information and quotation.



Sea chest cover (Test situation)

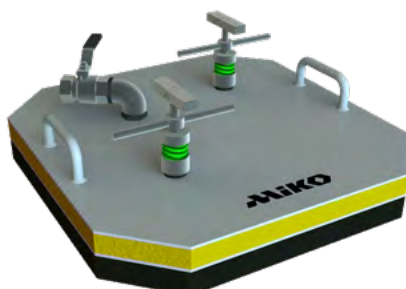


Overview UW Blanking



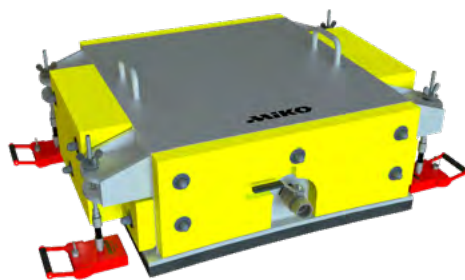
Any Shape and size.

Possibility for ROV friendly design.



Sea chest cover (First Barrier)

+



Sea chest cofferdam (Second Barrier)

=



Double barrier sealing

Miko Marine Sea Chest Cofferdam



Miko Marine Norway Miko Sea Chest Cofferdam

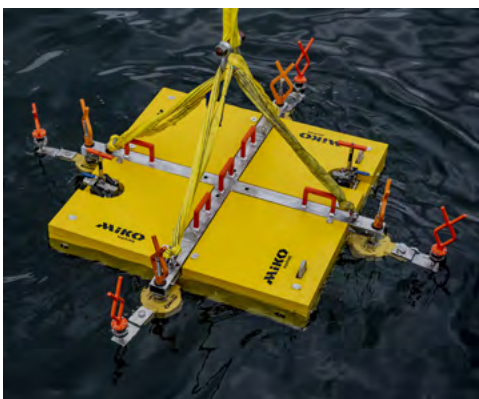
Miko Marine designs and delivers custom-made Cofferdams for blanking off sea chests, pipe inlets and outlets and all kinds of overboard hull apertures.

With **neutral buoyancy** – achieved by blocks of rigid PVC foam mounted externally on the walls – the Cofferdams are easily handled under water by divers. They are kept firmly in place on the hull by utilizing Miko Anchor Magnets, each with an individual holding force of up to 2.000 kg. The magnets are fitted with rubber flex joints, which enables them to be used on curved or uneven steel surfaces. By tightening the wing nuts, the rubber gasket is compressed slightly and an initial watertight seal against the hull is created.

Once the inside has been pumped dry, the pressure difference will compress the rubber gasket further. At this point, the watertight seal is mainly achieved by the water pressure itself.

Miko's cofferdams are a safe and reliable option for in-water repair at any depth. The cofferdams can be fitted with ROV compatible handle and fishtail fasteners for installation of cofferdam by ROV.

Send enquiry for detailed information and quotation.

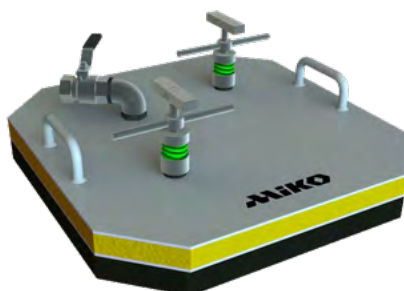
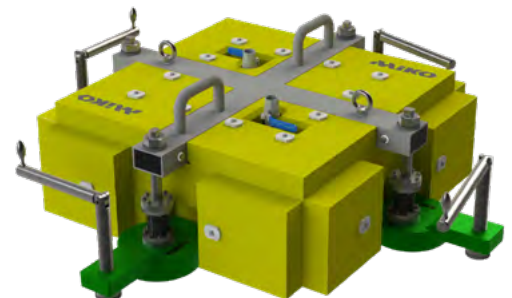


Sea chest cofferdam
(Easy to lower in water).
In water neutral buoyancy.

Any Shape and size.

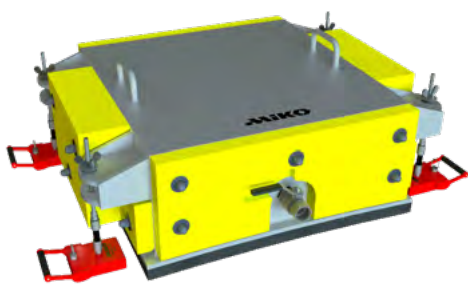
Possibility for ROV friendly design.

Overview UW Blanking



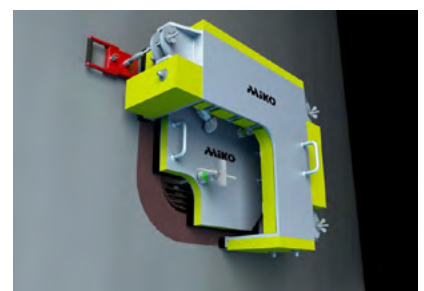
Sea chest cover (First Barrier)

+



Sea chest cofferdam (Second Barrier)

=



Double barrier sealing

Miko Marine Pipe Plugs

Miko Marine Norway Marine Pipe Plugs WRV-8000

The WRV-8000 is an expansion plug intended for sealing pipe openings below the water surface. It is used for planned operations during maintenance, in-water survey or repair, as well as for emergencies and salvage operations.

A watertight seal is established against the inside of the pipe by closing the turning bar, pressing the aluminium or steel disks together and expanding the soft rubber rings. The diver uses one hand to rotate the handle and the other to hold the plug and keep it from rotating. The crossbar or flange will rest against the outer end of the pipe opening and prevent it from being sucked in. The plugs have a lockable pressure balance valve for flooding upon completion of the repair work. All plugs are designed to withstand a pressure difference of 2 bar.

The standard WRV-8000 plugs can be used to seal off pipe openings ranging from 13.5 mm (DN14) to 615 mm (DN600). The expansion plugs require a certain amount of space without any obstacles inside the pipes. Before installation, the piping must be cleaned from marine growth.

Pipe plugs with higher diameter than DN600 can be delivered upon request. Larger plugs with high submerged weight can be customized and delivered with PVC sheeting to provide neutral buoyancy for easy handling under water. Miko Marine can also customize pipe plugs with pipe cover to provide a double barrier sealing. Send enquiry for more information.

Plug size DN14 - DN75 are defined as type A.

* Aluminium construction. One cylindrical rubber sealing element made of natural rubber.

Plug size DN80 - DN300 are defined as type B.

* Steel construction with pressure discs made from strong-walled aluminium.

* Two sealing rings, bronze sliding disc to reduce friction during tightening.

Plug size DN310 - DN600 are defined as type C.

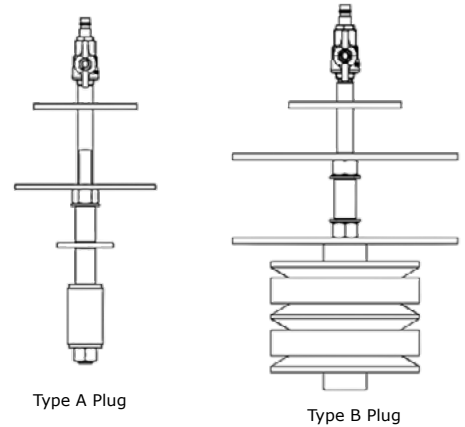
* Steel construction with pressure discs made of sheet steel. Two sealing rings.

* Axial ball bearing to reduce the friction during tightening.

Article No.	Nominal diameter	Type	Number of rings	Sealing Range
75MIKWRV8000013015	14 mm	A	1	13,5-15 mm
75MIKWRV8000017020	18 mm	A	1	17-20 mm
75MIKWRV8000019025	20 mm	A	1	19-25 mm
75MIKWRV8000025028	25 mm	A	1	24-30 mm
75MIKWRV8000029035	30 mm	A	1	29-35 mm
75MIKWRV8000035042	35 mm	A	1	34-40 mm
75MIKWRV8000040045	40 mm	A	1	39-45 mm
75MIKWRV8000045055	45 mm	A	1	45-50 mm
75MIKWRV8000050055	50 mm	A	1	49-55 mm
75MIKWRV8000055065	55 mm	A	1	55-60 mm
75MIKWRV8000060065	60 mm	A	1	65-65 mm
75MIKWRV8000064070	65 mm	A	1	64-70 mm
75MIKWRV8000065075	70 mm	A	1	69-75 mm
75MIKWRV8000075080	75 mm	A	1	74-80 mm
75MIKWRV8000075085	80 mm	B	2	76-85 mm
75MIKWRV8000085095	90 mm	B	2	86-95 mm
75MIKWRV8000095105	100 mm	B	2	96-115 mm
75MIKWRV8000105115	110 mm	B	2	106-125 mm
75MIKWRV8000120135	125 mm	B	2	121-140 mm
75MIKWRV8000125145	130 mm	B	2	125-145 mm
75MIKWRV8000135155	140 mm	B	2	136-155 mm
75MIKWRV8000145165	150 mm	B	2	146-165 mm
75MIKWRV8000155175	160 mm	B	2	156-175 mm
75MIKWRV8000171190	175 mm	B	2	171-190 mm
75MIKWRV8000185205	190 mm	B	2	186-205 mm
75MIKWRV8000195210	200 mm	B	2	196-215 mm
75MIKWRV8000205225	210 mm	B	2	206-225 mm
75MIKWRV8000220240	225 mm	B	2	221-240 mm
75MIKWRV8000245270	250 mm	B	2	246-265 mm
75MIKWRV8000255275	260 mm	B	2	256-275 mm
75MIKWRV8000270295	275 mm	B	2	271-290 mm
75MIKWRV8000295315	300 mm	B	2	296-315 mm
75MIKWRV8000306325	310 mm	C	2	306-325 mm
75MIKWRV8000320333	325 mm	C	2	311-340 mm
75MIKWRV8000336365	350 mm	C	2	345-365 mm
75MIKWRV8000370395	375 mm	C	2	370-395 mm
75MIKWRV8000385410	400 mm	C	2	392-415 mm
75MIKWRV8000410440	425 mm	C	2	410-440 mm
75MIKWRV8000436465	450 mm	C	2	436-465 mm
75MIKWRV8000485510	500 mm	C	2	486-515 mm
75MIKWRV8000585610	600 mm	C	2	593-615 mm

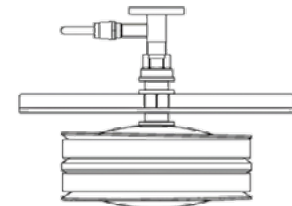


Overview UW Blanking



Type A Plug

Type B Plug



Type C Plug



Miko Marine Underwater Magnets

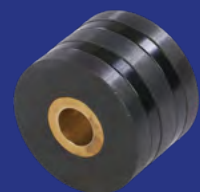
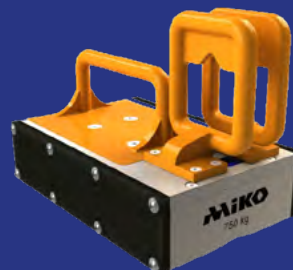


[Miko Marine Anchor Magnets >](#)

[Miko Marine Permanent Magnets >](#)

[Miko Marine ROV Magnet >](#)

[Miko Marine Magnetic Wheel >](#)



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Miko Marine Underwater Anchor Magnets



Underwater Magnets

Miko Marine Norway Underwater Anchor Magnets

Holding everything in place.

Miko has decades of experience working with powerful anchor and permanent magnets. Comprehensive industrial and technological experience, combined with in-house engineering resources, makes Miko Marine Underwater Magnets an excellent and safe choice.



Miko Marine MAM-Light

MAM-Light is the most compact Miko Anchor Magnet, yet it has an holding force equivalent to the weight of an adult man. Thanks to its handy size and minimal weight, this magnet is easily handled by divers in any situation. The magnetic component consists of neodymium which is coated with epoxy to improve its corrosion resistance in sea water. The magnet is equipped with a breaking lever for easy release and safe operation. All Miko Magnets are shipped in a double skin steel box to isolate the magnet field and prepare them for air freight. Always read "IMPORTANT NOTES ABOUT MIKO MAGNETS" enclosed in each box before use.

Mechanical properties:

Holding force:	90 kg
Footprint:	150 x 50 mm
Weight:	1 kg
Gross Weight:	4 kg
Box quantity:	1 pcs
Depth rating:	Full ocean depth
Air Freight:	Unrestricted

* perpendicular holding force on a clean mild steel plate of minimum thickness 30 mm.

Shipping and storage:

Always ship in the supplied steel box, clean with tap water after use and let it dry completely before storage.

Article No.	Description
75MIK10115	Miko MAM-Light Anchor Magnet 90 kg holding force



Miko Marine MAM-001

MAM-001 has a holding force of 150 kg* and can be used for fastening equipment such as Miko Plasters®, diving equipment, guide wires or anchor points for divers to ship sides or other steel structures. The magnetic component consists of neodymium which is coated with epoxy to improve its corrosion resistance in sea water. The magnet is equipped with mooring lug and breaking lever for easy release and safe operation. The bottom is filled with a rubber filling for increased friction and improved usability.

All Miko Magnets are shipped in a double skin steel box to isolate the magnet field and prepare them for air freight.

OPTIONAL: MAM-001 is also available in watertight plastic case with in-built magnetic shielding.

Always read "IMPORTANT NOTES ABOUT MIKO MAGNETS" enclosed in each box before use.

Mechanical properties:

Holding force:	150 kg
Footprint:	155 x 115 mm
Weight:	3 kg
Gross Weight:	7 kg
Box quantity:	1 pcs
Depth rating:	Full ocean depth
Air Freight:	Unrestricted

* perpendicular holding force on a clean mild steel plate of minimum thickness 6 mm.

Shipping and storage:

Always ship in the supplied steel box, clean with tap water after use and let it dry completely before storage.

Article No.	Description
75MIK10100	Miko MAM-001 Anchor Magnet 150 kg holding force
75MIK10100BOX	Miko Watertight case for MAM-003 (003S & 001)



Miko Marine Underwater Anchor Magnets

Miko Marine MAM-003

MAM-003 has a holding force of 450 kg* and can be used for fastening large devices such as oil booms or any other type of heavy diving equipment to ships sides and other steel structures. The magnetic component consists of neodymium which is coated with epoxy to improve its corrosion resistance in sea water. The magnet is equipped with mooring lug and breaking lever for easy release and safe operation. The bottom is filled with a rubber filling for increased friction and improved usability.

All Miko Magnets are shipped in a double skin steel box to isolate the magnet field and prepare them for air freight.

OPTIONAL: MAM-003 is also available in watertight plastic case with in-built magnetic shielding.

Always read "IMPORTANT NOTES ABOUT MIKO MAGNETS" enclosed in each box before use.

Mechanical properties:

Holding force:	450 kg
Footprint:	155 x 115 mm
Weight:	3 kg
Gross Weight:	7 kg
Box quantity:	1 pcs
Depth rating:	Full ocean depth
Air Freight:	Unrestricted

* perpendicular holding force on a clean mild steel plate of minimum thickness 16 mm.

Shipping and storage:

Always ship in the supplied steel box, clean with tap water after use and let it dry completely before storage.

Article No.	Description
75MIK10101	Miko MAM-003 Anchor Magnet 450 kg holding force
75MIK10101BOX	Miko Watertight case for MAM-003 (003S & 001)



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Overview UW Magnets

Miko Marine MAM-003S

MAM-003S has a holding force of 500 kg* and can be used for fastening and securing tools and equipment to ships sides and other steel structures for a longer period of time. The magnetic component of MAM-003S is encapsulated in a stainless steel housing to further improve its corrosion resistance and durability for longer periods of sea water exposure. The magnet is equipped with mooring lug and breaking lever for easy release and safe operation. The bottom is filled with a rubber filling for increased friction and improved usability. All Miko Magnets are shipped in a double skin steel box to isolate the magnet field and prepare them for air freight.

OPTIONAL: MAM-003S is also available in watertight plastic case with in-built magnetic shielding.

Always read "IMPORTANT NOTES ABOUT MIKO MAGNETS" enclosed in each box before use.

Mechanical properties:

Holding force:	500 kg
Footprint:	155 x 115 mm
Weight:	3 kg
Gross Weight:	7 kg
Box quantity:	1 pcs
Depth rating:	Full ocean depth
Air Freight:	Unrestricted

* perpendicular holding force on a clean mild steel plate of minimum thickness 13 mm.

Shipping and storage:

Always ship in the supplied steel box, clean with tap water after use and let it dry completely before storage.

Article No.	Description
75MIK10101S	Miko MAM-003S Anchor Magnet 500 kg holding force
75MIK10101BOX	Miko Watertight case for MAM-003 (003S & 001)



Miko Marine MAM-005

MAM-005 has a holding force of 1000 kg* and can be used for heavy duty applications such as fastening oil booms, fenders or temporary mooring to ships sides and other steel structures. The magnet is equipped with a mooring lug and rotating lever for easy release and safe operation. The magnetic component consist of neodymium which is coated with nickel to improve its corrosion resistance in sea water. All Miko Magnets are shipped in a double skin steel box to isolate the magnet field and prepare them for air freight. The MAM-005 is also shipped with a keeper disc for further shielding.

Always read "IMPORTANT NOTES ABOUT MIKO MAGNETS" enclosed in each box before use.

Mechanical properties:

Holding force:	1000 kg
Footprint:	282 x 183 mm
Weight:	8 kg
Gross Weight:	21 kg
Box quantity:	1 pcs
Depth rating:	Full ocean depth
Air Freight:	Unrestricted

* perpendicular holding force on a clean mild steel plate of minimum thickness 30 mm.

Shipping and storage:

Always ship in the supplied steel box, clean with tap water after use and let it dry completely before storage.

Article No.	Description
75MIK10102	Miko MAM-005 Anchor Magnet 1000 kg holding force



Miko Marine Underwater Anchor Magnets

Miko Marine MAM-00X

MAM-00X has a holding force of 2000 kg* and can be used for heavy duty applications such as fastening oil booms, fenders or temporary mooring to ships sides and other steel structures. The magnet is equipped with a mooring lug and rotating lever for easy release and safe operation. The magnetic component consist of neodymium which is coated with zinc to improve its corrosion resistance in sea water. All Miko Magnets are shipped in a double skin steel box to isolate the magnet field and prepare them for air freight. The MAM-00X is also shipped with a keeper disc for further shielding. Always read " IMPORTANT NOTES ABOUT MIKO MAGNETS" enclosed in each box before use.

Mechanical properties:

Holding force: 2000 kg
Footprint: 319 x 180 mm
Weight: 18 kg
Gross Weight: 31 kg
Box quantity: 1 pcs
Depth rating: Full ocean depth
Air Freight: Unrestricted

* perpendicular holding force on a clean mild steel plate of minimum thickness 30 mm.

Shipping and storage:

Always ship in the supplied steel box, clean with tap water after use and let it dry completely before storage.

Article No.	Description
75MIK10103	Miko MAM-00X Anchor Magnet 2000 kg holding force



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Overview UW Magnets

Miko Marine MPHM-002

MPHM-002 is a strong and versatile pipe-holding magnet for attaching pipes of diameter 8" up to 42". The magnetic component consist of neodymium which is coated with epoxy to improve its corrosion resistance in sea water. With a holding force of 150 kg*, the magnet can be used for fastening diving equipment, guide wires or anchor points for divers to pipes or other cylindrical steel structures. The magnet is equipped with a mooring lug and breaking lever for easy release and safe operation. All Miko Magnets are shipped in a double skin steel box to isolate the magnet field and prepare them for air freight.

Always read " IMPORTANT NOTES ABOUT MIKO MAGNETS" enclosed in each box before use.

Mechanical properties:

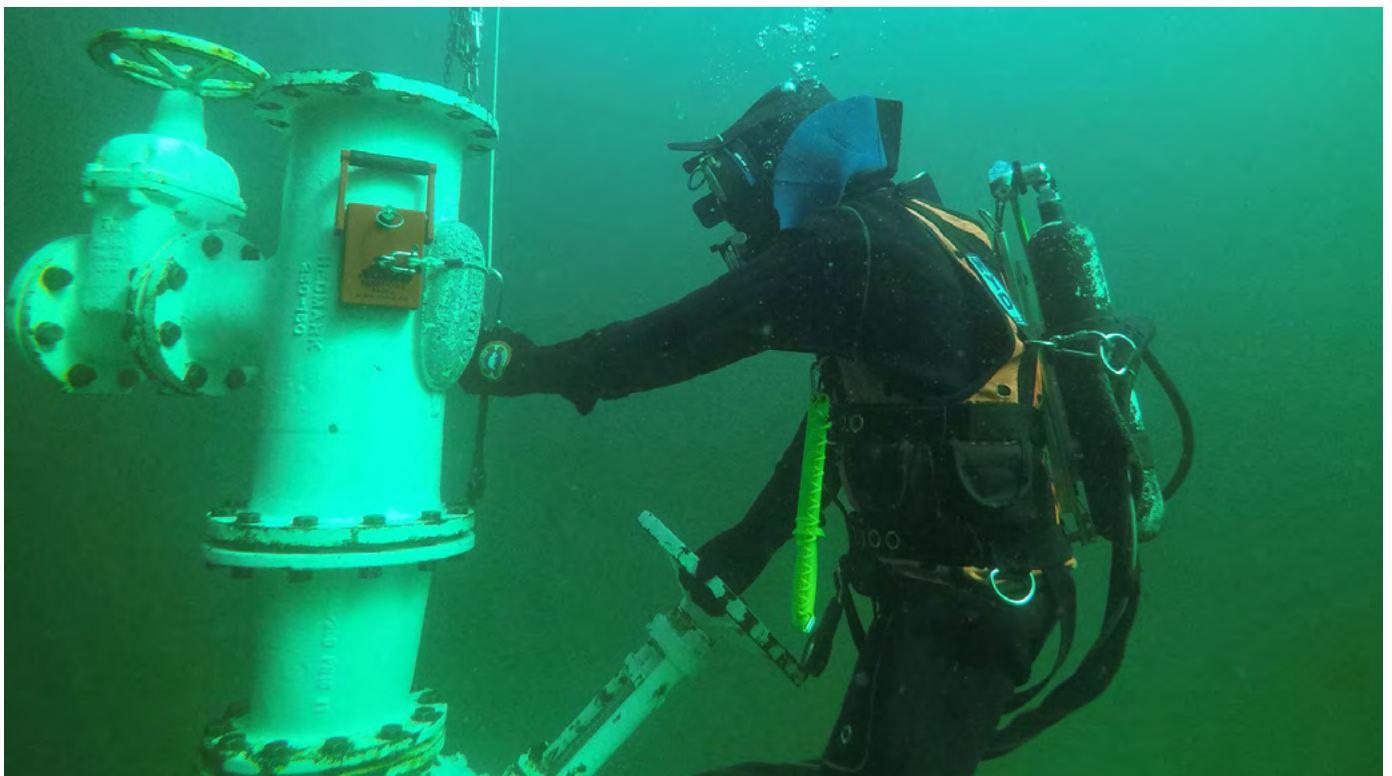
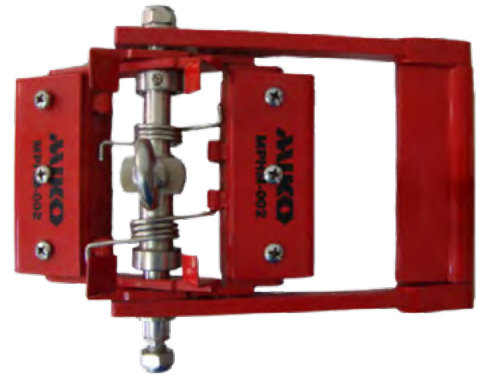
Holding force: 150 kg
Footprint: 188 x 120 mm (Flat)
Pipe diameter capacity: 8" - 42"
Weight: 5 kg
Gross Weight: 12 kg
Box quantity: 1 pcs
Depth rating: Full ocean depth
Air Freight: Unrestricted

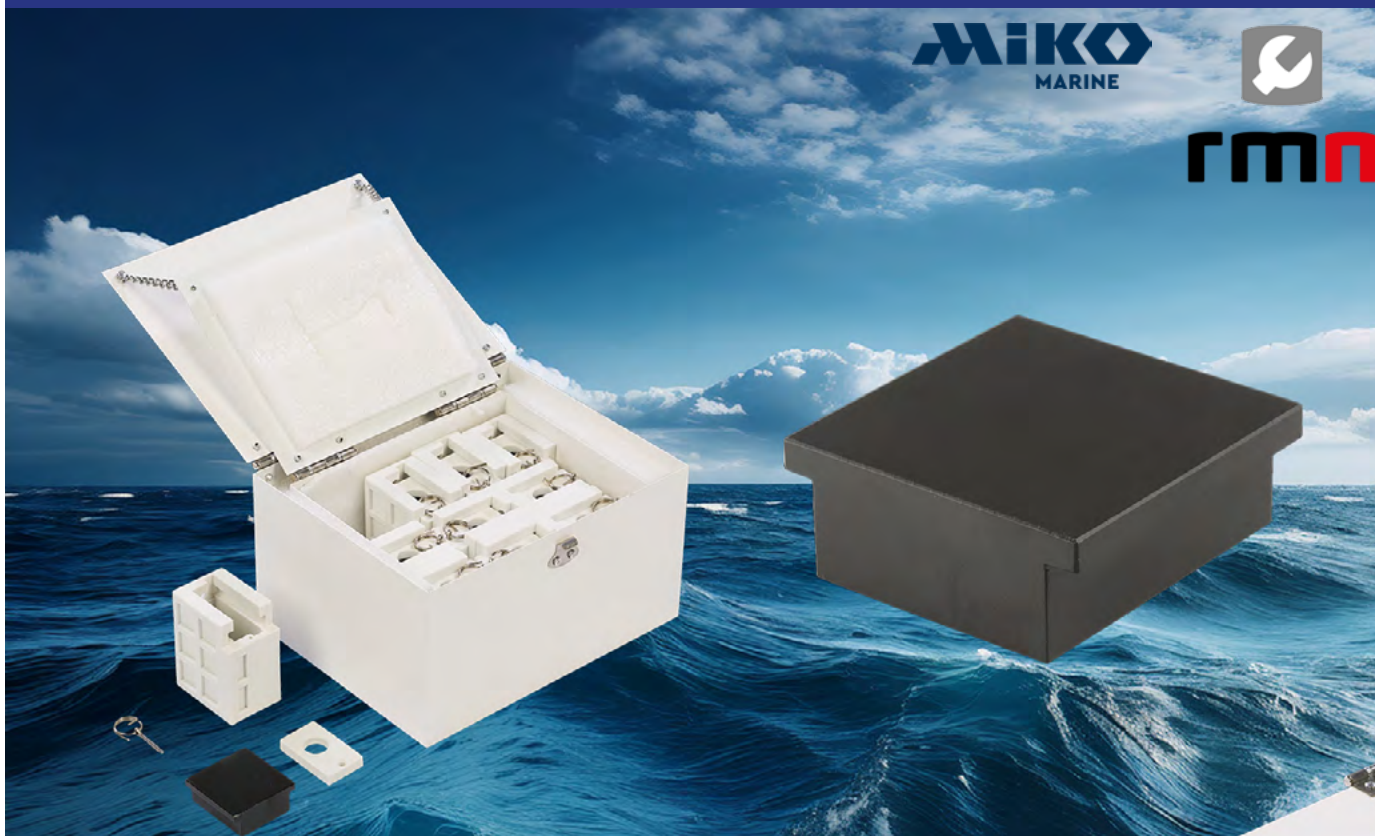
* perpendicular holding force on a clean mild steel pipe of minimum wall thickness 10 mm and diameter 480 mm.

Shipping and storage:

Always ship in the supplied steel box, clean with tap water after use and let it dry completely before storage.

Article No.	Description
75MIK10400	Miko MPHM Pipe-Holding Magnet 150 kg holding force





Miko Marine Norway Permanent Magnets MPM

These compact and powerful Miko Permanent Magnets are used for a wide range of underwater applications.

The MPM-series magnets are made up of Neodymium, giving them each a 60kg holding force. In addition, the magnets are epoxy-coated for corrosion resistance in sea water.

Each magnet is individually packed in a custom storage and handling case with a pin-lock mechanism, allowing for safe and practical handling.

Each type is delivered in boxes of 10 pcs, packed in a double-skin container to isolate the magnetic field and prepare the magnets for air freight. Always read "IMPORTANT NOTES ABOUT MIKO MAGNETS" enclosed in each box before use.

Mechanical properties:

Holding force:	60 kg
Footprint:	40 x 50 mm
Height:	20 mm
Net. weight:	0,3 kg
Gross weight:	7 kg (box)
Box quantity:	10 pcs
Depth rating:	Full ocean depth
Air Freight:	Unrestricted

* perpendicular holding force on a clean mild steel plate of minimum thickness 10 mm.

Available in various versions, with flange, without flange and with countersunk screw.

Shipping and storage:

Always ship in the supplied steel box, clean with tap water after use and let it dry completely before storage.

Article No.	Description
75MIK10000	Miko MPM-001 permanent magnets
75MIK10001	Miko MPM-001 CS permanent magnets
75MIK10002	Miko MPM-002 permanent magnets
75MIK10010	Miko MHT-002 handling tool for MPM-002

Overview UW Magnets

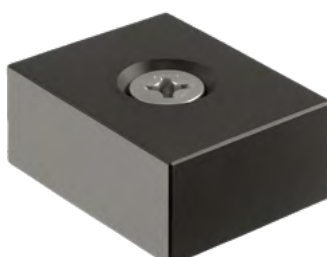


Pin-lock box:

For safe and practical handling of the magnet.



Miko **MPM-001** permanent magnet dimensions 40 x 50 x 20 mm



Miko **MPM-001 CS** permanent magnet dimensions 40 x 50 x 20 mm with M 8 x 30 countersunk screw



Miko **MPM-002** permanent magnet dimensions 40 x 50 x 20 mm with 5 x 5 mm flange compatible with handling tool MHT-002
Often used in combination with the Miko Plaster

Miko Marine ROV Magnet

Miko Marine Norway Switchable ROV Magnet

The switchable Miko ROV magnet has a fully mechanical on/off function and a holding force of 750 kg* when activated.

By virtue of the modular design, the magnet can be tailored to any application. The handles can be replaced to fit all common types of ROV manipulator claws, while the bracket can be replaced by for example a camera or a torch.

The magnet is deactivated by pushing the handles together – and activated when the ROV releases its grip. This allows for the gentle handling of painted subsea installations, fragile wrecks and other underwater steel structures. The stainless steel housing, combined with a high quality pressure compensator, provides corrosion resistance and full ocean depth rating.

The Miko Switchable ROV Magnet is tested to pick-up objects up to a weight of 750 kg.

Typical areas of usage are:

- * Stabilizing ROVs (welding inspections etc.).
- * Temporary storage of ROV tools.
- * Fixing points for lights and/or cameras.
- * Pick up objects
- * Hang off tooling

The magnet is shipped in a package suitable for air freight. Send enquiry for more information.

Mechanical properties:

Holding force: 750 kg
Footprint: 200 x 312 mm
Weight in air: 24 kg
Weight in water: 19 kg
Box quantity: 1 pcs
Depth rating: Full ocean depth
Air Freight: Unrestricted

* perpendicular holding force on a clean mild steel plate of minimum thickness 30 mm.

Shipping and storage:

Always ship in the supplied steel box, clean with tap water after use and let it dry completely before storage.

For a single job there is also the possibility to rent a Miko Switchable Magnet. Contact our Miko specialists for more information.

Article No.	Description
75MIK10500	Miko Switchable ROV Magnet 750 kg holding force



Overview UW Magnets



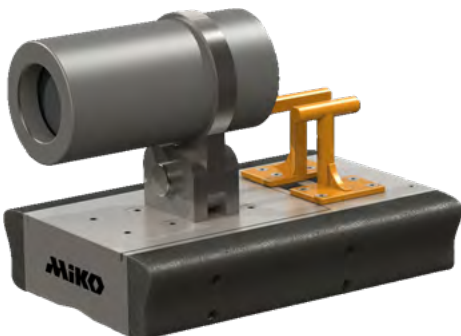
Available with **D-Grip** or **T-Bar** to use with different types of ROV manipulator claws



Available with **D-Grip** or **T-Bar** to use with different types of ROV manipulator claws

Easily handling:

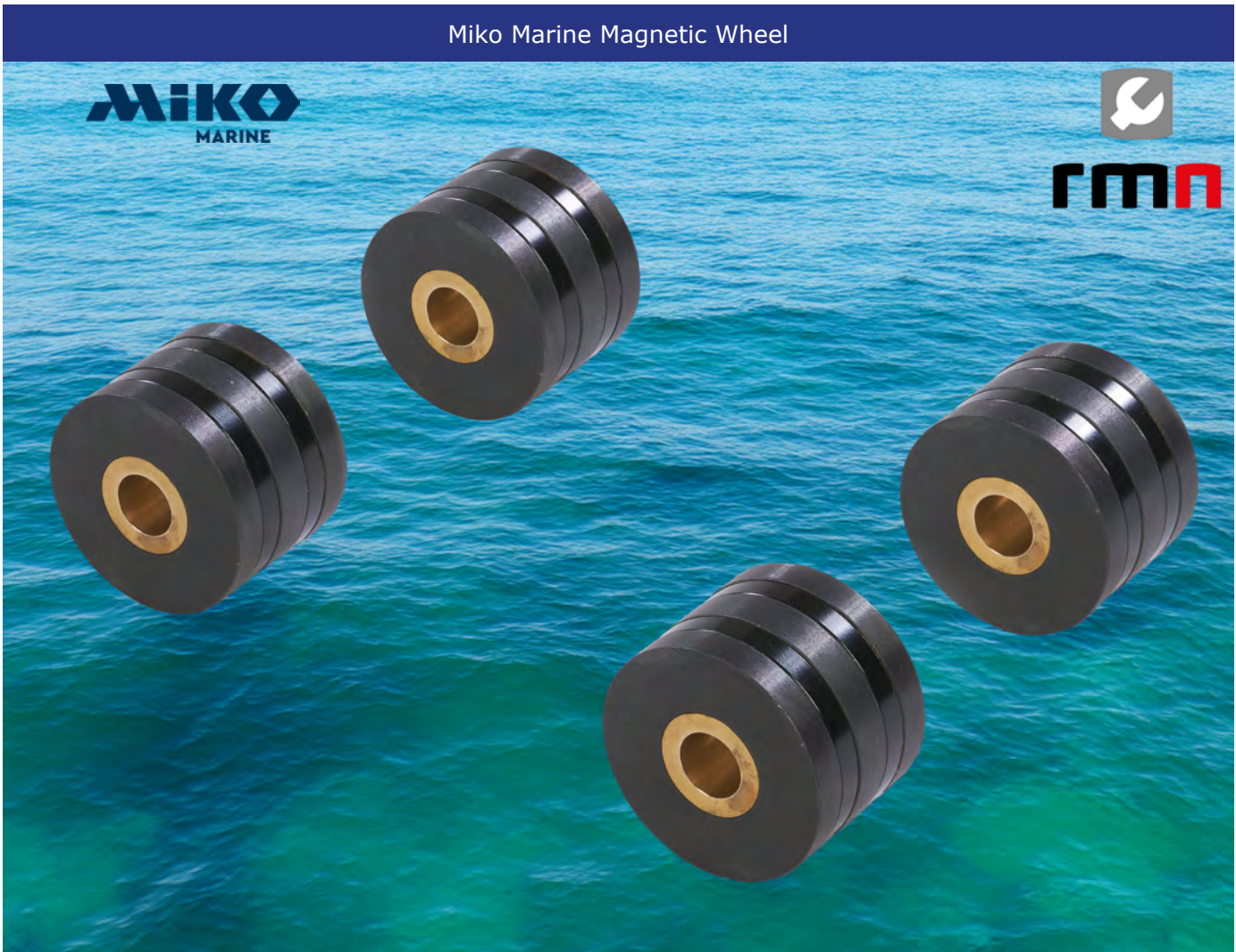
With the ROV manipulator claws the Miko ROV Magnet can be easily placed and released from the surface.



Versatile base:

With it's versatile base, multiple tools can be mounted on the Miko ROV Magnet. This makes the magnet the ultimate tool for multiple ROV operations.

Miko Marine Magnetic Wheel



Miko Marine Norway Magnetic Wheel MMW

The Miko Magnetic Wheel is a powerful magnet to be used on vessels and structures above and below the waterline. The hollow cylinder allows for a shaft to be fastened in the centre.

[Overview UW Magnets](#)

The magnetic component consists of neodymium and is coated with epoxy to improve its corrosion resistance in sea water.

The magnet is delivered in box of 4 pcs.

The MMW-001 is delivered in a box of 4 pcs, packed in a double-skin container to isolate the magnetic field and prepare the magnets for air freight. Always read "IMPORTANT NOTES ABOUT MIKO MAGNETS" enclosed in each box before use.

Mechanical properties:

Holding force: 80 kg
Outer diameter: Ø 54 mm
Inner diameter: Ø 15 mm
Length: 39 mm
Gross weight: 7 kg (box)
Box quantity: 4 pcs
Air Freight: Unrestricted

* perpendicular holding force on a clean mild steel plate of minimum thickness 10 mm.

Shipping and storage:

Always ship in the supplied steel box, clean with tap water after use and let it dry completely before storage.



Article No.	Description
75MIK10200	Miko MMW-001 magnetic wheel 80 kg holding force

Miko Marine Salvage Tools



[Miko Marine Polar Kit >](#)

[Miko Marine Emergency Response Bag >](#)

[Miko Marine FlexiShape Plaster >](#)

[Miko Marine Miko Fix >](#)

[Miko Marine Salvage Kit >](#)

[Miko Marine Yacht Salvage Kit >](#)



[Overview UW Blanking Tools >](#)

[Overview UW Magnets >](#)

[Overview Special Products >](#)



Miko Marine Polar Kit

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Miko Marine Norway Miko Polar Kit *

Collisions with ice in the polar regions may lead to hull puncture and water ingress. For this reason Miko Marine AS has developed the Miko Plaster® Polar Kit.

Based on earlier experience, and in compliance with the Polar Code requirements of being more independent of help from outside, Miko Marine with the operational guidance of Capt. Benny Didriksen, has developed a kit to potentially keep your vessel afloat and prevent it from sinking. The kit consists of the well known patented and DNV qualified Magnetic Patches, Miko Plaster® and adequate flexible handling- and installation tools enabling subsea installation without divers or ROV's.

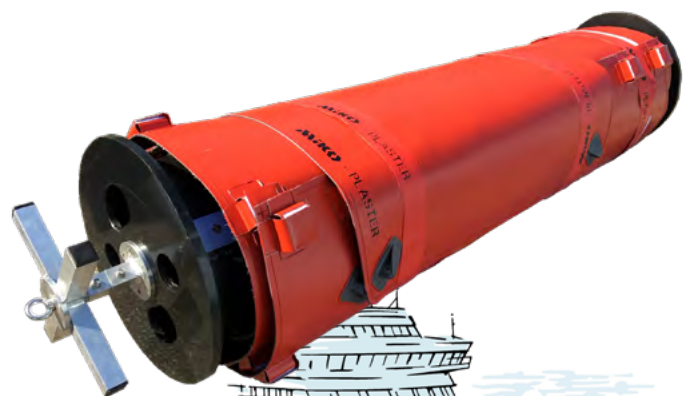
* In compliance with the Polar code Emergency Response Requirements (chapter 2).

Contents:

- 1 pcs 900 x 1250 mm Magnetic Miko Plaster®
- 1 pcs 1500 x 3000 mm Magnetic Miko Plaster®
- 20 pcs MAM-003 Miko Anchor Magnets
- 20 pcs MPM-001 CS Miko Permanent Magnets
- 2 pcs Telescopic Handling Poles 1,75 x 5,00 m
- 1 Guide Rail (Horizontal installation) 1.80 & 1.60 m
- 2 pcs Carrying Handle with Pelican Hook
- 2 pcs Mooring Ropes 6 m for MOB Boat
- 2 pcs Magnet Release Tool
- 1 pcs Subsea Camera
- 1 pcs Video Monitor in Peli Case
- 2 pcs Plastic T-tool
- 1 pcs Tool box
- 2 pcs Block and Tackle
- 1 pcs Installation, Operation & Maintenance Manual
- 1 pcs Installation / Storage Drum & Extension Rods
- 1 pcs DNV-GL Technical Report No. 530 10221/98 Qualification of Miko Plaster

Shipping and storage:

The kit is shipped in a tool box measuring 192x70x70 cm with gross weight of 380 kg, for safe shipping and storage.



Article No.	Description
75MIK51000	Miko Marine Polar Kit

**Overview Marine
Salvage Tools**





Miko Marine Norway Miko Polar Kit Installation Principle

The Miko Polar Kit is a versatile tool which can be used for many different applications. The operating instructions in this chapter provide a typical step-by-step installation guide. Additions and/or deviations may be required for individual cases.

Based on the curvature of the hull at point of damage, decide if the plaster should be installed vertically, horizontally (short drum) or if the small Miko Plaster is sufficient.

Work Sequence:

1. Mount the rail onto the hull of vessel with magnets, adjust height with a rubber hammer.
2. Connect lifting tackle with ropes to the rail.
3. Connect drum with plaster to lifting tackle, make sure that the row of MPM magnets are facing away from hull.
4. Hoist drum to max height against rail, fasten pullout rope to bottom attachment point on drum, lower the drum vertically to suited height for plaster to cover the damage.
5. Turn the drum until the vertical row of MPMs click onto the hull, and the plaster is secured.
6. Start the application of the plaster by turning the drum and pulling the pullout rope, adjust height of the drum if necessary.
7. Inspect underwater during the horizontal application of the plaster, use the T-tool on the telescopic pole smoothening the plaster onto the hull as required.
8. Roll the plaster drum until the plaster is rolled out in full length and fastened to the hull.
9. Inspect the plaster, use the T-tool to smoothen out any pockets of air or water between plaster and hull.
10. Secure the plaster using extra MAM-003 magnets.

Overview Marine Salvage Tools



Picture show example of Crew training on board to make them familiar with the Miko Marine Polar kit Installation principle.

Why having a Miko Polar Kit on board:

Most vessel sailing in Ice-conditions are designed with the ice-strengthening of the vessel for one-year (soft) ice and not for multi-year ice which is as hard as a rock.

The specifically for this conditions developed Miko Marine Polar Kit is the right tool to have on board in case of a hull-puncture in this remote areas.

With the Polar Kit the crew can seal hull damages down to 2 m below the waterline without the use of divers. The kit is a combination of Miko Marine's Magnetic Patch and a Kevlar reinforced PVC matting which is secured by powerful underwater magnets on different curvatures.

Miko Marine Emergency Response Bag



Emergency Response Bag



Miko Marine Norway Miko Emergency Response Bag

The Emergency Response Bag (ERB) enables quick in-water repair of leaks caused by cracks or ruptures, and can be used as a blanking tool for routine operations. Because of the compact size and minimal weight, the kit can be hand-carried, and the plasters can be quickly applied by a single diver.

Miko Plaster® - the main component of the ERB - is a magnetic tarpaulin that is applied by diver directly over the opening. The seal is achieved by the water pressure coupled with the magnetic adhesion between the plaster and the steel surface.

The components of the ERB have been selected for maximum versatility and usability within strict weight limits. Ideal for on board of super yachts and small commercial boats.

The kit is shipped in a wooden crate, allowing for stackability during shipping and storage.

Installation Principle:

With a weight in water of 5,5 kg/m², the Miko Plaster® is easily handled by one diver.

The plaster is applied directly over the leak and can be re-positioned if necessary.

The MPM-002 Miko Permanent Magnets are placed on top of the plaster to increase the seal and prevent peeling caused by towing or current speed.

The MAM-001 Miko Anchor Magnet can be used as an anchor point for the diver or to hold tools during the installation. When the plaster and the MPM-002 magnets are in place, the MAM-001 can also be placed in the centre of the patch to further reinforce the seal.

Contents:

- 1 pcs 450 x 500 mm Magnetic Miko Plaster®
- 1 pcs 450 x 833 mm Magnetic Miko Plaster®
- 1 pcs 900 x 1 250 mm Magnetic Miko Plaster®
- 1 pcs MAM-001 Miko Anchor Magnets
- 10 pcs MPM-002 Miko Permanent Magnets
- 1 pcs MHT-002 Handling Tool for MPM-002
- 4 pcs MHT-001 Handling Ropes

Shipping and storage:

The kit is shipped in a wooden crate measuring 103x46x55 cm with gross weight of 65 kg, allowing for stackability during shipping and storage.

Overview Marine Salvage Tools



Article No.	Description
75MIK50000	Miko Marine ERB Emergency Response Bag



Miko Marine FlexiShape Plaster



Miko Marine Norway Miko FlexiShape Plaster

FlexiShape Miko Plaster® is intended for repair of hull damages below the waterline from groundings or collisions. It is stapled to the hull using either the Underwater Fastener or the Miko Fix. The temporary and quick repair is carried out while the ship is afloat.

The outer layer is a polyester-reinforced PVC matting, strong enough to carry the weight of an average car with a 50 mm wide stripe. The inner layer is a Kevlar fabric, similar to bullet proof vests, which protects the patch from sharp edges on the damaged hull. The material is flexible to follow the hull curvatures. The rubber stripes along the edges help improve the seal when pressed against the hull surface by the fasteners.

The patches are produced in Norway and standard sizes can delivered quickly to site in urgent situations. Standard sizes are available in the Salvage Kit together with supplementary tools for installation. Customized patches are supplied in any shape and size. Send enquiry for more information.

Installation Principle:

The FlexiShape Miko Plaster is lowered into the water and positioned over the damaged area by divers. MPM-002 Miko Permanent Magnets are used to hold it in position.

The MikoFix Underwater Drill System is used to screw the selftapping bolts through the Aluminium Bars to secure the patch in place.

Once the patch is secure and covers all of the damaged area, the water or oil can be pumped out from the inside. The FlexiShape Miko Plaster® is reinforced with several layers of Kevlar similar to bullet proof vests to protect it from puncturing. If used correctly it will follow the curvature of the hull without being damaged and will enable the vessel to be re-floated and towed to safety.

Mechanical properties:

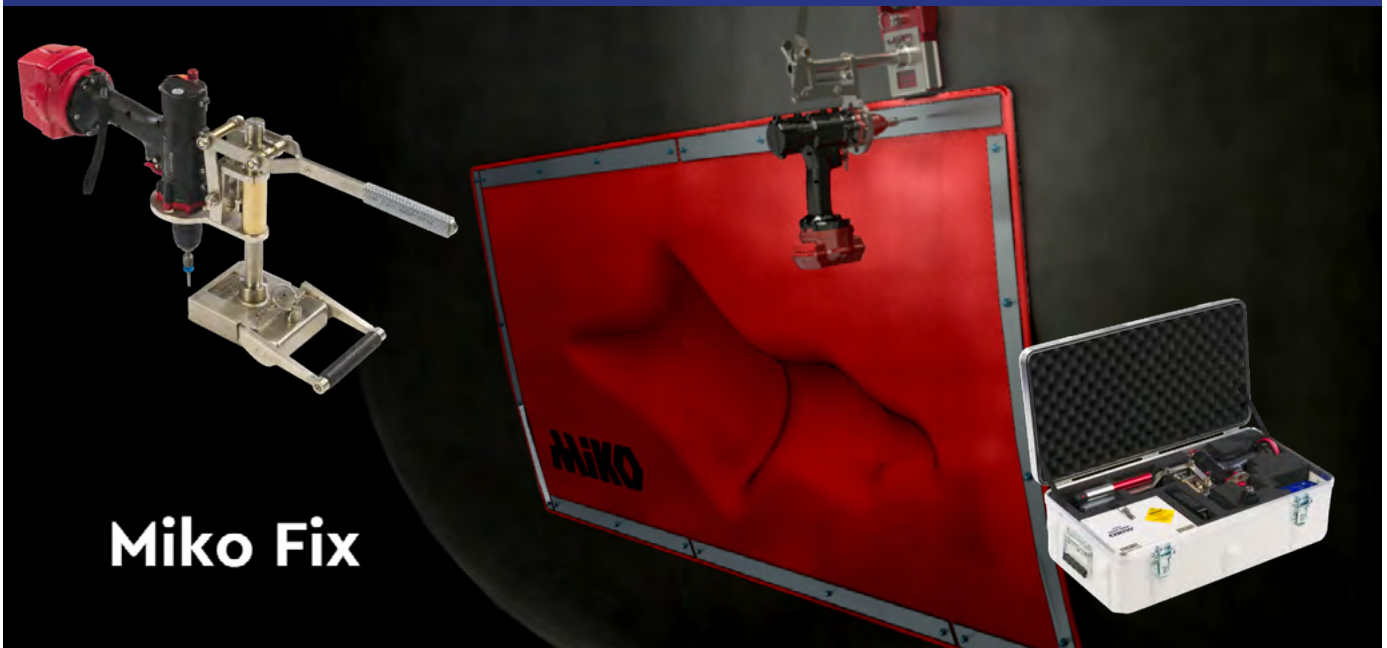
Thickness:	2,0 mm
Weight in air:	3.0 kg/m ²
Weight in water:	Neutral (approx.)
Max. temperature:	120° C
Stretch strength:	8500 N/5cm
Shear strength (DIN 53356):	1500 N
Welding strength (DIN 53356):	1500 N

The patches are produced in Norway and standard sizes can delivered quickly to sit in urgent situations. Standard sizes are available in the **Salvage Kit** together with supplementary tools for installation. Customized patches are supplied in any shape and size.

[Overview Marine Salvage Tools](#)



Miko Marine Miko Fix



Miko Marine Norway Miko Fix

Miko Fix® is a battery-powered fastening system for underwater drilling and fastening. The compact and versatile system can be used for a large variety of underwater tasks, including operations where hydraulics or pneumatics are normally required.

The underwater drill can be operated at water depths down to 50 m. The drill is equipped with a speed setting, rotational direction switch, LED lights and a torque setting with 16 steps. The drill and drill stand are supplied in a waterproof tool case.

Typical applications:

- Anode fixing.
- Fastening of FlexiShape Miko Plaster.
- Fastening anchor points for guiding or lifting wires.
- Fastening brackets or adaptor plates for other tools.

The drill is mounted into a jig, and the system is kept in a secure and stable position on a magnetic foot plate. The holding force of the magnet (up to 500 kg) enables the diver to operate the tool efficiently in any orientation, as well as ensuring the necessary counterforce needed to drill and secure the Miko bolt to the hull within a few minutes.

The self tapping Miko bolt can penetrate up to 22 mm of thick steel plates.

The intuitive system is easily positioned and secured to the drilling surface by the magnet. The Miko bolt is secured in the screw holder. The drilling position can be adjusted accurately by rotating the drill around the center rod.

When the drill is positioned as desired, pull the handle to feed and press the On/Off trigger switch to start drilling. Use the magnet lever to release and reposition for a next bolt or drill hole.

Packed in an IP-67 rated tool case with in-built magnetic shielding, the Miko Anchor Magnet can be shipped by air without restrictions.

Shipping and storage:

The kit is shipped in a transport / storage box measuring 45x37x111 cm with gross weight of approx. 22 kg.

Mechanical Properties:

Depth rating (max.): 50 m
Weight in water: 6 kg
Battery rating: 18V, 6Ah
Box size: 45x37x111 cm
Air Freight: Unrestricted

Drill & Jig:

Weight in water: 5,5 kg
Weight in air: 10 kg
Torque (Max.): 39 N/m
Chuck size: 13 mm

Magnet:

Weight in water: 3 kg
Weight in air: 10 kg
Hechttoppervlak: 155x115 mm
Hechtkracht: 450 kg

Contents:

1 pcs Cordless Electric Drill
1 pcs Drill Mount Bracket Stainless Steel
1 pcs MAM-003S Miko Anchor Magnets
1 pcs Magnet Case MMC-001/003
2 pcs Screw Holder
40 pcs Miko Bolt 16-38 mm
40 pcs Miko Bolt 22,5-50 mm
1 pcs Spare Battery 6Ah
1 pcs Spare Chuck
1 pcs Pump to pressurize drill
1 pcs Battery Charger
1 pcs User Manual

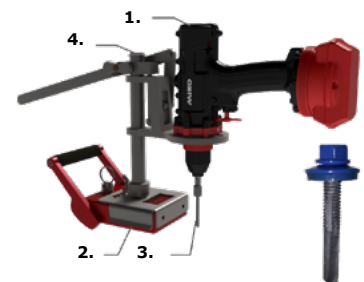
Article No.	Description
75MIK21300	Miko Marine Miko Fix Complete set
75MIK21310	Miko Bolt 38 mm (16 mm steel) 100 pcs
75MIK21320	Miko Bolt 55 mm (22,5 mm steel) 100 pcs



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Overview Marine
Salvage Tools



1. Underwater Drill:

The underwater drill can be operated at water depths down to 50m. The drill is equipped with a speed setting, LED lights and an adjustable torque up to 39 Nm.

2. Magnetic Foot

The up to 450 kg holding force of the magnet enables the diver to operate the tool efficiently in any orientation, as well as ensuring the necessary counterforce needed to drill and secure the Miko bolt within a few minutes.

3. Miko Bolt

The self tapping Miko Bolt drills, cuts threads and fixes. The customized bolt is made of high quality steel and penetrates up to 22mm thick steel plates. The Miko Bolt has a shear capacity of 700 kg.

4. Jig

The Drill Jig enables the diver to feed the drill with the necessary force. All components are made from stainless steel or a sea water resistant bronze alloy.

Miko Marine Salvage Kit



Miko Marine Norway Miko Salvage Kit

Used world-wide for marine salvage operations, the Salvage Kit is a proven concept for the temporary, quick and reliable repair of damage from groundings or collisions while the ship is afloat.

The FlexiShape Miko Plaster® which is included in the kit, is designed to overcome uneven steel surfaces, sharp edges and large areas of damage to the hull.

Fastener or the Miko Fix. The Underwater Fastener uses waterproof barrels to drive nails into the steel. Miko Fix is a battery-powered underwater in a magnetic jig that uses self-tapping screws.

Once the patch is installed the vessel can be towed to safety while retaining oil on the inside and water on the outside. Send enquiry for more information.

Installation Principle:

The FlexiShape Miko Plaster is lowered into the water and positioned over the damaged area by divers. The MPM-002 Miko Permanent Magnets are used to hold it in position.

The MikoFix Underwater Drill System is used to screw the selftapping bolts through the Aluminium Bars to secure the patch in place.

Once the patch is secure and covers all of the damaged area, the water or oil can be pumped out from the inside. The FlexiShape Miko Plaster® is reinforced with several layers of Kevlar similar to bullet proof vests to protect it from puncturing. If used correctly it will follow the curvature of the hull without being damaged and will enable the vessel to be re-floated and towed to safety.

Shipping and storage:

The kit is shipped in two transport / storage boxes measuring 195x95x89 cm and 130x90x69 cm with total gross weight of 550 kg.

Miko Salvage Kit Contents:

- 1 pcs FlexiShape Miko Plaster 0,50 x 1,00 m
- 1 pcs FlexiShape Miko Plaster 0,50 x 2,00 m
- 1 pcs FlexiShape Miko Plaster 1,00 x 3,00 m
- 1 pcs FlexiShape Miko Plaster 2,00 x 6,00 m
- 1 pcs FlexiShape Miko Plaster 6,00 x 8,00 m
- 2 pcs Miko Fix
- 100 pcs Self Tapping Bolts for Miko Fix
- 50 pcs Aluminium profiles 1150 x 50 x 6 mm
- 20 pcs Miko Anchor Magnet MAM-001
- 50 pcs Miko Permanent Magnet MPM-002
- 2 pcs Miko Handling tool (MHT-002) for MPM-002
- 10 pcs Handling ropes MHT-001
- 1 pcs User Manual

Miko Salvage LIGHT Kit Contents:

- 1 pcs FlexiShape Miko Plaster 0,50 x 1,00 m
- 1 pcs FlexiShape Miko Plaster 0,50 x 2,00 m
- 1 pcs FlexiShape Miko Plaster 1,00 x 3,00 m
- 1 pcs FlexiShape Miko Plaster 2,00 x 6,00 m
- 2 pcs Miko Fix
- 100 pcs Self Tapping Bolts for Miko Fix
- 30 pcs Aluminium profiles 1150 x 50 x 6 mm
- 20 pcs Miko Anchor Magnet MAM-001
- 50 pcs Miko Permanent Magnet MPM-002
- 2 pcs Miko Handling tool (MHT-002) for MPM-002
- 10 pcs Handling ropes MHT-001
- 1 pcs User Manual



Overview Marine Salvage Tools



View from inside when the Miko Marine FlexiShape is applied. The Kevlar layer protects against the sharp edges.



Article No.	Description
75MIK55000	Miko Marine Salvage Kit
75MIK55001	Miko Marine Salvage Kit Light

Miko Marine Yacht Salvage Kit



Miko Marine Norway Miko Yacht Salvage Kit

Miko Marine AS has developed the Yacht Salvage Kit in association with Captain Nick Sloane, salvage master and member of the Lloyds Panel of Special Casualty Representatives.

Collisions, groundings, explosions and valve failures all have the potential of uncontrolled water ingress. Deploying the Yacht Salvage Kit in such a situation, the right patch is selected from the kit and rapidly deployed over the damaged area. Particularly intended for use on super yachts and smaller vessels, the kit contains Miko Marine's well proven Miko plaster technology for keeping water on the outside and oil on the inside.

The kit contains three FlexiShape Miko patches of different sizes, used for larger damages following groundings or collisions on all hull types.

The FlexiShape Miko Plaster is lowered into the water and positioned over the damaged area by divers.

The Miko Fix is applied to fix the Miko bolts through the Aluminium Bars and secure the patch in place.

Also included in the kit, is the Miko Fix®. This is a compact and cordless underwater fastening system which is used for to fasten and secure the patches to the hull.

The Magnetic Miko Plaster® is used for leaks, cracks, sealing off pipe inlets, sea chest cover etc.

With a weight in water of 6,2 kg, the Miko Plaster® can be easily handled by one diver. The patch is applied directly over the leak and can be simply re-positioned if necessary.

The seal is achieved by the water pressure and magnetic adhesion between the patch and the steel surface.

The MPM-002 Miko Permanent Magnets are placed on top of the patch to increase the seal and resistance to peeling that might be caused by towing or current speed.

The content is well protected in three IP 54 rated plastic containers, each with a weight of approximately 64 kg.

Installation Principle:

The FlexiShape Miko Plaster is lowered into the water and positioned over the damaged area by divers.

The MPM-002 Miko Permanent Magnets are used to hold it in position.

The MikoFix Underwater Drill System is used to screw the selftapping bolts through the Aluminium Bars to secure the patch in place.

Once the patch is secure and covers all of the damaged area, the water or oil can be pumped out from the inside.

The FlexiShape Miko Plaster® is reinforced with several layers of Kevlar similar to bullet proof vests to protect it from puncturing.

If used correctly it will follow the curvature of the hull without being damaged and will enable the vessel to be re-floated and towed to safety.

Shipping and storage:

The kit is shipped in three transport / storage boxes measuring 2 pieces 130x70x68 cm and 1 piece 79x53x45 cm with total gross weight of 192 kg.

Article No.	Description
75MIK55010	Miko Marine Yacht Salvage Kit

Overview Marine Salvage Tools



Miko Marine Yacht Salvage Kit

Miko Yacht Salvage Kit Case 1 Contents:

1 pcs FlexiShape Miko Plaster 1,00 x 3,00 m
12 pcs Aluminium profiles 1150 x 50 x 6 mm
1 pcs Watertight storage and transport case

Dimensions case 130x70x68 cm
Weight case 63 kg

Miko Yacht Salvage Kit Case 2 Contents:

1 pcs FlexiShape Miko Plaster 2,00 x 2,00 m
1 pcs Miko Magnetic Plaster 0,9 x 1,25 m
12 pcs Aluminium profiles 1150 x 50 x 6 mm
1 pcs Watertight storage and transport case

Dimensions case 130x70x68 cm
Weight case 64 kg

Miko Yacht Salvage Kit Case 3 Contents:

1 pcs Miko Fix
100 pcs Self Tapping Bolts 16 mm for Miko Fix
100 pcs Self Tapping Bolts 22 mm for Miko Fix
4 pcs Miko Anchor Magnet MAM-001
10 pcs Miko Permanent Magnet MPM-002
2 pcs Miko Handling tool (MHT-002) for MPM-002
8 pcs Handling ropes MHT-001
1 pcs User Manual

Dimensions case 79x53x45 cm
Weight case 65 kg



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Overview Marine
Salvage Tools



View from inside when the Miko Marine FlexiShape is applied.

The Kevlar layer protects against the sharp edges.

Miko Marine Special Products



[Miko Marine Tank Sealer Kit >](#)



[Overview UW Blanking Tools >](#)

[Overview UW Magnets >](#)

[Overview Salvage Tools >](#)

[Miko Marine Salvage Bag >](#)



[Miko Marine Hatch Sealer Bag >](#)



Miko Marine Tank Sealer Kit

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Miko Marine Norway Miko Tank Sealer Kit

The Tank Sealer Kit is a quick, easy and flexible first barrier against leakages on storage tanks and oil cisterns.

The two sizes of Miko Plaster® included in the kit are fitted with a neoprene sheet in the centre and magnetic nitrile rubber along the edges. The magnetic rubber will adhere to the steel surface of the tank while the soft neoprene centre will seal against the damage, preventing leakage into the environment.

External anchor magnets (MAM-003 and MAM-Light) are applied to the outside of the neoprene centre to compress the patch against the damaged area and limit the leakage. The equipment can be used both above and below the waterline.

Installation Principle:

The Neoprene Miko Plaster® is applied over the damaged area, while directing the spray away from the user.

The neoprene sheet should cover the damaged area.

One MAM-003 Miko Anchor Magnet is placed on the centre of the patch to strangle the leak.

The magnet may have to be re-positioned to reduce the leak further.

The kit includes two MAM-003 as well as four MAM-Light that are used as needed to achieve best possible seal.

Contents:

- 1 pcs 750 x 750 mm Magnetic Miko Plaster®
- 1 pcs 750 x 1050 mm Magnetic Miko Plaster®
- 2 pcs MAM-003 Miko Anchor Magnets
- 4 pcs MAM-Light Miko Anchor Magnets
- 1 pcs Transport / storage case IP54 rated

Shipping and storage:

The kit is shipped in a transport / storage box measuring 78x52x45 cm with gross weight of 56 kg.

Article No.	Description
75MIK70001	Miko Marine Tank Sealer Kit

Overview Specials



Miko Marine Salvage Bag



Miko Marine Norway Miko Salvage Bag

Miko Salvage Bag® is a complete damage control kit developed to counter water ingress from damaged hull, deck, bulkheads, openings and pipelines. The kit consists of heavy duty polyester coated para-aramide inflatable bags in various sizes for different situations

The Miko Salvage Bag® is tested in several Damage Repair Instructional Units and on board vessels with approving results. The contents in the Miko Salvage Bag® and their usability is the result of dialogue with expert user groups from several nations throughout the development process. The seal is achieved by the ability of the bags to form in relation to the damaged structure during pressurization.

The Miko Salvage Bag® is a ready-to-go kit for damage control parties.
The Miko Salvage Bag® is a 100% Miko Marine product.

Shipping and storage:

The kit is shipped in a storage and carrying bag with shoulder straps measuring 90x35x24 cm with gross weight of 19 kg.

The Carrying bag is specifically developed for Damage Control and Fire Fighting Departments to carry easily on their bag and gives the user access and freedom through corridors and manholes on board of seagoing vessels, naval and coast guard vessels.

Miko Marine Salvage Bag Contents:

Total 6 Salvage bags measuring:

- 1 pcs Salvage Bag 7 cm diameter with pointed tip
- 1 pcs Salvage Bag 12 cm diameter with pointed tip
- 2 pcs Salvage Bag 18 cm diameter with pointed tip
- 2 pcs Salvage Bag 18 cm squared
- All Bags are equipped with valve, hook, friction strip and marker-light
- 1 pcs 3L/300bar air bottle in harness with regulator, overpressure valve and adapter.
- 1 pcs Extra air supply hose 150cm
- 1 pcs Carrying handle with carabine hooks
- 1 set Jackstay with hook for bulkhead or deckhead mounting of the kit during operation
- 12 pcs Stiffening rods (8x 51cm + 4x 66cm) + extension adapter
- 1 pcs Telescopic pole 70-200 cm
- 1 pcs Sheet with formula and diagram for calculation of water ingress

Miko Marine Salvage Bag MAX Contents:

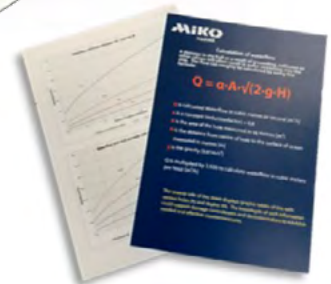
Total 3 Salvage bags measuring:

- 1 pcs Salvage Bag 18 cm diameter
- 1 pcs Salvage Bag 50 cm diameter
- 1 pcs Salvage Bag 65 cm diameter
- Acid Resistance PVC Cover for 18 cm & 50 cm Salvage Bag
- 1 pcs Stage regulator with overpressure valve and quick connector to bag

Overview Specials



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Miko Marine Salvage Bag to control water ingress

Article No.	Description
75MIK54000	Miko Marine Salvage Bag Complete set
75MIK54001	Miko Marine Salvage Bag MAX

Miko Marine Hatch Sealer Bag



Picture shows how fast and easy a large hole can be sealed

Miko Marine Norway Miko Hatch Sealer Bag

Miko Hatch Sealer Bag (MHSB) has been designed as a tool for rapid and effective sealing of hatches, trunks and manholes that are damaged or left open with or without hoses and cables running through the opening. **Ideal for Firefighters** to seal a larger sewer to prevent polluted will enter the sewage system.

The MHSB is a versatile, flexible special reinforced reinflatable plastic coated bag, with double para- aramid layers covering the inner air lung. The MHSB has proven to be effective in many different situations onboard and on land, when there are urgent needs for sealing of large openings.

The Miko Hatch Sealer Bag is equipped with friction band on both side, two handles at the top, turnable air valve and pressure relieve valve. The bag is also equipped with a watertight ligh to ensure the location of the bag in poor visibility or fully submerged.

The bag will during inflation form a cylindrical shape adapted to obstructions. The sealing effect starts and increases when compressing air is supplied. Full effect is to be expected when the pressure is approximately 0,2-0,4 bar. The pressure relief (safety) valve will open at 1.0 bar.

The bag can be operated with the air supply system in the Miko Salvage Bag or by other sources of air supply i.e. standard SCBA cylinders, when Miko air supply hose and regulator is connected.

Bag measures: ø65 x 100 cm (D x L)

Overview Specials

Article No.	Description
75MIK54050	Miko Marine Hatch Sealer Bag ø65 x 100 cm

The Miko Marine Hatch Sealer Bag is made in the same principle as the Miko Salvage Bag only in a much bigger size.
The bag comes with the same rotatable air hose connection with air valve.
The Miko Hatch Sealer Bag has NO POCKET FOR STIFFENER.



RMN Benelux Distributor for Miko Marine



Special Miko Marine Salvage Products only on request

Miko Marine Moskito Oil Recovery



Miko Marine Ship Arrestor



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